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Wellington Prep- 3rd Quarter 2017 T-Se

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Tue, Mar 27, 2018 at 2:19 PM

To: Erik Petersen <epetersen@petersenhydrologic.com>, Patrick Collins <nebo@xmission.com>

Cc: OGMCOAL DNR <ogmcoal@utah.gov>, Daron Haddock <daronhaddock@utah.gov>

Good afternoon,

I just finished up my review of the 3rd quarter 2017 Wellington Prep Plant water monitoring data. Unfortunately, total selenium (T-Se) has become an issue again.

Surface water monitoring sites 1 and 2A reported slightly elevated T-Se concentrations (in the neighborhood of 3 standard deviations from the mean).

Essentially all of the ground-water monitoring sites had spikes for T-Se; however, the deviation from the mean was much, more significant (more in the neighborhood of 6-10 standard deviations from the mean).

Ground water monitoring sites 1, 10, 13, 14, 15A, 15B, 16, 4, 6, 7, 8, 9 and 9B all had elevated T-Se and in most cases dissolved potassium as well.

Erik had indicated to me on the phone yesterday that he was seeing similar results for 4th quarter 2017 and that he'd talk to the lab to get the samples re-run before putting them in the database. Unfortunately, the 3rd quarter samples are going to need to be analyzed again as well.

Please contact the lab and then let me know what we're looking at in getting these 2 quarters analyzed again (i.e. timeline).

Give me a call and we can talk about it.

Thanks,
Steve

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